

FIGURE 1

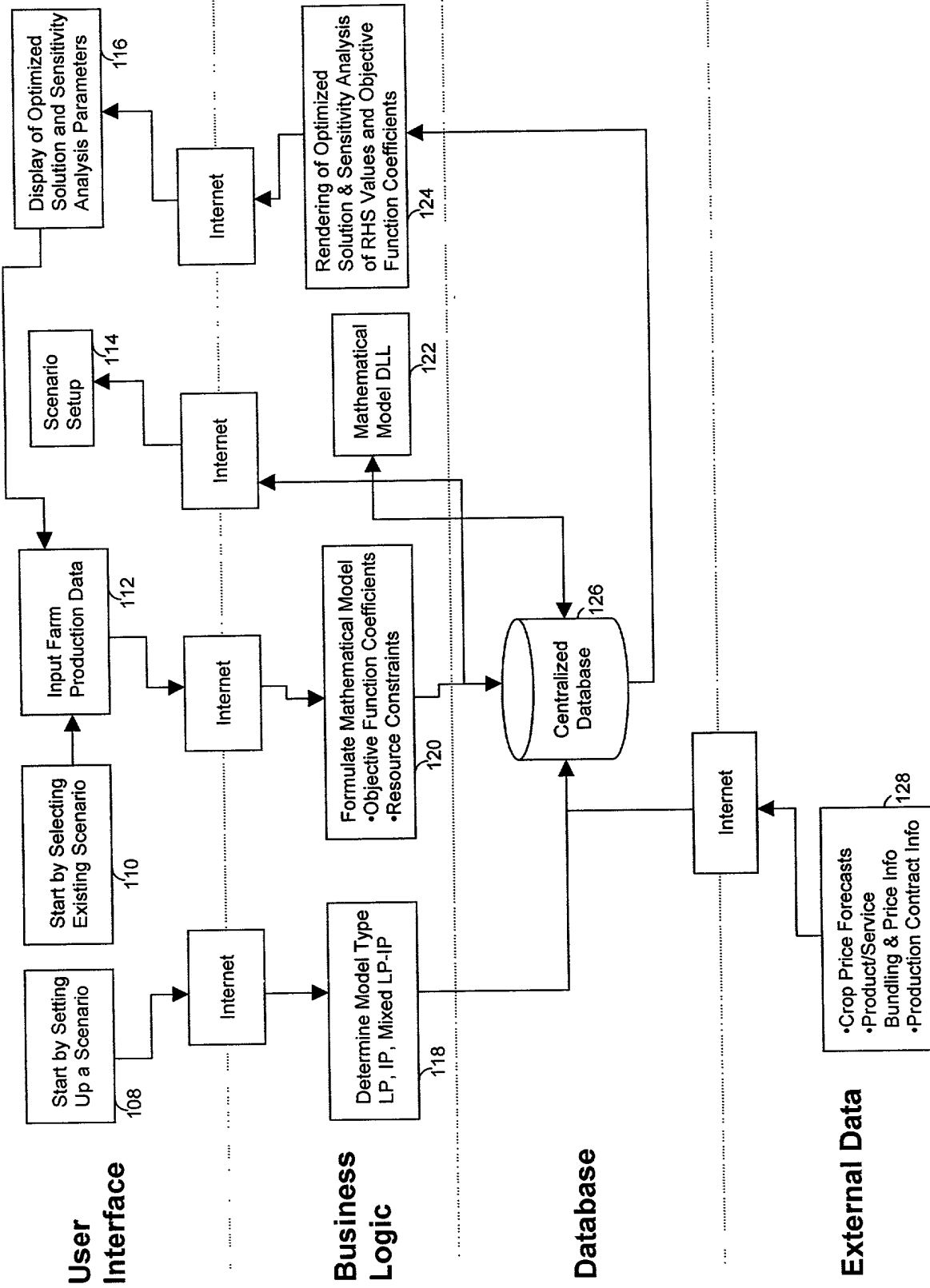


FIGURE 2

Production Planning: New Scenario

File Edit View Go Favorites Help

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

Address Links Best of the Web Channel Guide Customize Links Internet Explorer News Internet Start VPN

Home Members My Email News Weather Markets Library

Members' Manage Crop Storage Maps Reports
Home Account Management & Sales

Production Planning Home

Production Planning: New Scenario

HELP

New Scenario from Scratch

New Scenario Name: 22

Profit Goal for Scenario: 20

Scenario Description: 24

Submit

New Scenario from Existing

Existing Scenario:

New Scenario Name:

Scenario Description:

Submit

TOP | HOME

SITE menu

Home My Email News Weather Markets Library Help Contact Us

Internet zone

FIGURE 3

Production Planning

Scenarios	Description	Add
Ken Dalenberg Test	Testing Dalenberg Data	
Cop of Ken Dalenberg Test	Testing full duplication of CMS-based scenario.	
Testing Field Assignments	How about that!	
Save this scenario	error in addition of Remaining Op Capital	
Garys Scenario	Garys Test Scenario	

FIGURE 4

Production Planning: Add Crop

Cropping programs available for use:

- Com Program 1998
- Soybean Program 1998

Select Crops

Cropping programs currently selected in this scenario:

- Com Program 1997
- Soybean Program 1997
- Soiltest Program

26

28

Update Crop List

FIGURE 5

Production Planning: Add Field

Select Fields	
Fields available for use:	Fields currently selected in this scenario:
Dean: 3B00G5 Dean: 3B00G6 Dean: 3B00G7 Dean: 3B00G8 Dirst: North 80 Dirst: South 75 Hodge: Hodge 160 Howe: Howe James: James North 54 James: James South 34	Bevan: North 80 Bevan: South 80 Heartland: Heartland East Heartland: Heartland West Hodge: Hodge 42 Hodge: Hodge S 84 Hume: Hume Back 50 Hume: Hume Front 40 Zindars: Zindars East 27 Zindars: Zindars West 31
30	31
Update Field List	

FIGURE 6

Production Planning: Edit Crop-Field Assignments

Edit Crop-Field Assignments			
	Corn Program 1997	Soybean Program 1997	Soiltest Program
Bevan: North 80	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bevan: South 80	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heartland: Heartland East	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heartland: Heartland West	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hodge: Hodge 42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hodge: Hodge S 84	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hume: Hume Back 50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hume: Hume Front 40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Zindars: Zindars East 27	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Zindars: Zindars West 31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Save Values			

FIGURE 7

Production Planning: Acreage Constraints

Acreage Constraints

Crop or Group Name	Minimum Acreage	Maximum Acreage
Corn Program 1997	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>
Soybean Program 1997	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>
Soiltest Program	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>
Corn Group	<input checked="" type="checkbox"/> Enforce: <input type="text" value="50"/>	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>
Soybean Group	<input checked="" type="checkbox"/> Enforce: <input type="text" value="50"/>	<input type="checkbox"/> Enforce: <input type="text" value="0.00"/>

Save Changes

FIGURE 8

Production Planning: Add Crop Group

Add Crop Group

Group Name:

Crops available:

- ☐ Corn Program 1997
- ☐ Soybean Program 1997
- ☐ Corn Program 1998
- ☐ Soybean Program 1998
- ☐ Soiltest Program

Crops currently selected in this group:

Save Group

FIGURE 9

Production Planning: Add Contract

Add Contract	
Contract Name:	<input type="text" value="38"/>
Contract Crop:	<input type="text" value="Corn Program 1997"/>
Contract Price:	<input type="text"/>
Contract Quantity (Acres):	<input type="text"/>
Is this a firm contract?	<input type="text" value="Yes"/>
Upper Bound on Contract Quantity:	<input type="text" value="20 %"/>
<input type="button" value="Save Contract"/>	

FIGURE 10

Production Planning: Add Resource

Select Resource	
Resources you have used in other scenarios:	Resources currently selected in this scenario:
<input type="text" value="Storage"/>	<input type="checkbox"/> Operating Capital <input type="text" value="40"/>
	<input type="checkbox"/> Land <input type="text" value="42"/>
	<input type="checkbox"/> Water
	<input type="button" value="Update Resource List"/>

Add a Resource	
New resource name:	<input type="text"/>
Amount of resource available:	<input type="text"/>
New resource UOM:	<input type="text"/>
<input type="button" value="Add to Resource List"/>	

FIGURE 11

Production Planning Resource: Water

Water: Availability	
Amount of Water available	150000

Water: Usage	
Amount of Water used by Corn Program 1997	175
Amount of Water used by Soybean Program 1997	200
Amount of Water used by Soiltest Program	0

Save Changes

FIGURE 12

Production Planning: Edit Field Differences

Edit Field Differences		
Field:	Hodge: Hodge 42	
Crop Program:	Corn Program 1997	
Resource	Default Value	Override
Water	175	175
Storage	140	140

Save

FIGURE 13

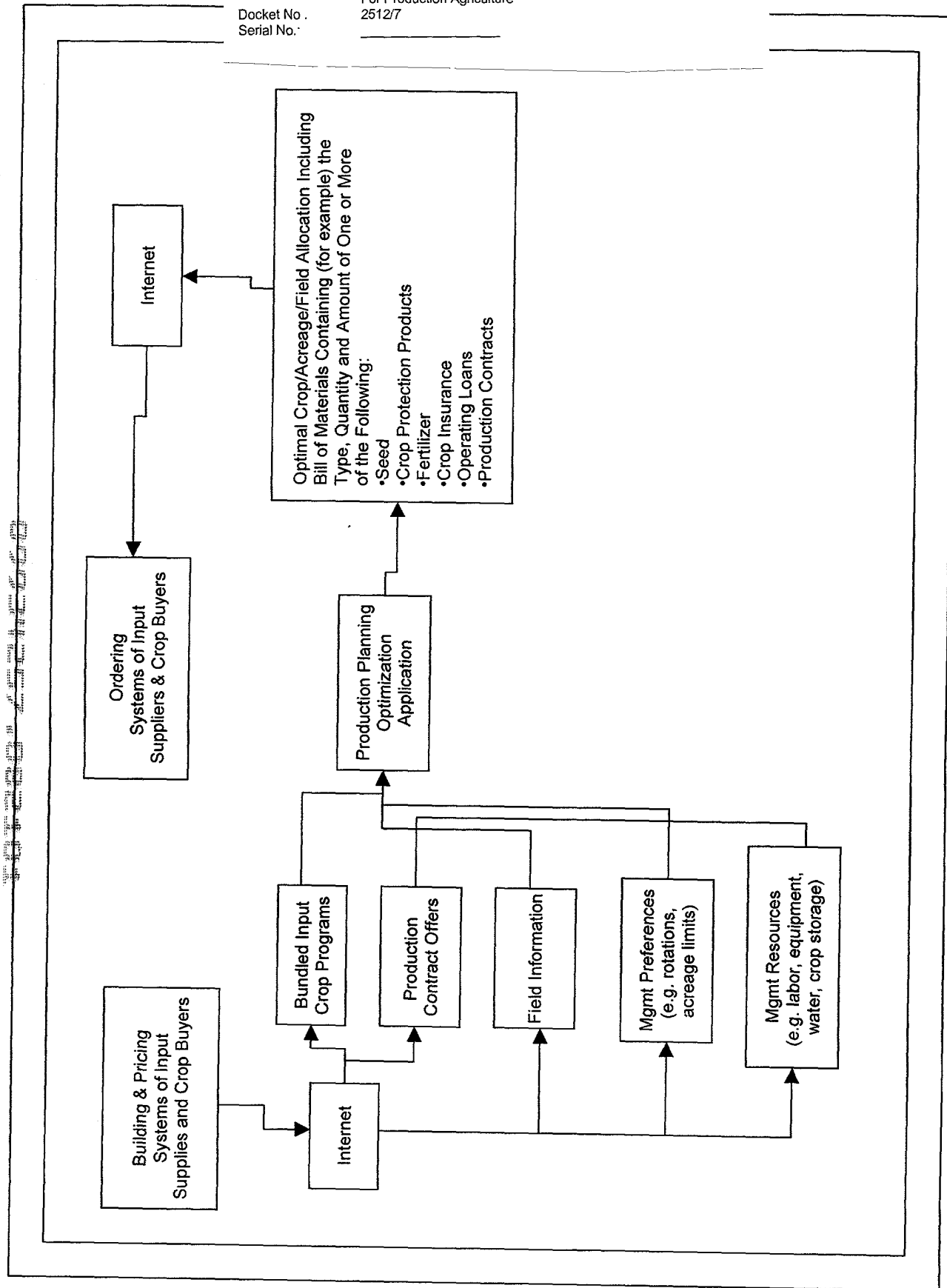


FIGURE 14

Inventor:

Gary M. Schneider

Title:

System and Method For Developing a Farm Management Plan
For Production Agriculture

Docket No.:

2512/7

Serial No.:

Production Planning Scenario: Garys Scenario

Scenario Setup

Crop Programs					Add / Remove
Name	Price	Yield	Prod Cost	Gross Income per Acre	
Corn Program 1997	\$2.80	155	\$300.00	\$134.00	
Soybean Program 1997	\$5.15	49	\$215.00	\$37.35	
Corn Program 1998	\$2.90	165	\$320.00	\$158.50	
Soybean Program 1998	\$5.20	44	\$210.00	\$18.80	

Fields			Crop Rotations	Add / Remove
Name	Size			
Bevan: North 00	80			
Dean: 3800G8	51			
Dean: 3800G5	81			
Dirst: South 75	76			
Heartland: Heartland West	44			
Heartland: Heartland East	30			
Howe: Howe	79			

Acreage Constraints			Edit	Add / Remove Group
Name	Min	Max		
Corn Program 1997	20	90		
Total Corn	no minimum	200		

Crop Contracts				Add / Remove
Name (Crop)	Price	Quantity	Firm	

Resources			Crop Resource Usage	Field Differences	Add / Remove
Name	Used	Available			
Operating Capital		\$500,000.00			
Land		441			

FIGURE 15

Production Planning Scenario: Garys Scenario

Scenario Results:

Gross Income: \$38,876.00

View Graphs

Crop Programs						Add / Remove
Name	Acres	Price	Yield	Prod Cost	Gross Income	
Corn Program 1997	30	\$2.80	155	\$300.00	\$4,020.00	
Soybean Program 1997	250	\$5.15	49	\$215.00	\$9,337.50	
Corn Program 1998	161	\$2.90	165	\$320.00	\$25,518.50	
Soybean Program 1998	0	\$5.20	44	\$210.00	\$0.00	

Fields			Crop Rotations	Add / Remove
Name	Size	Crop Planted		
Bevan: North 80	80	Corn Program 1998		
Dean: 3800G8	51	Soybean Program 1997		
Dean: 3800G5	81	Corn Program 1998		
Dirst: South 75	76	Soybean Program 1997		
Heartland: Heartland West	44	Soybean Program 1997		
Heartland: Heartland East	30	Corn Program 1997		
Howe: Howe	79	Soybean Program 1997		

Limits			Edit	Add / Remove Group
Name	Limit			
Corn Program 1997	more than 20 acres			
Corn Program 1997	less than 90 acres			
Total Corn	less than 200 acres			

Contracts			Add / Remove
Name (Crop)	Filled	Gross Income	

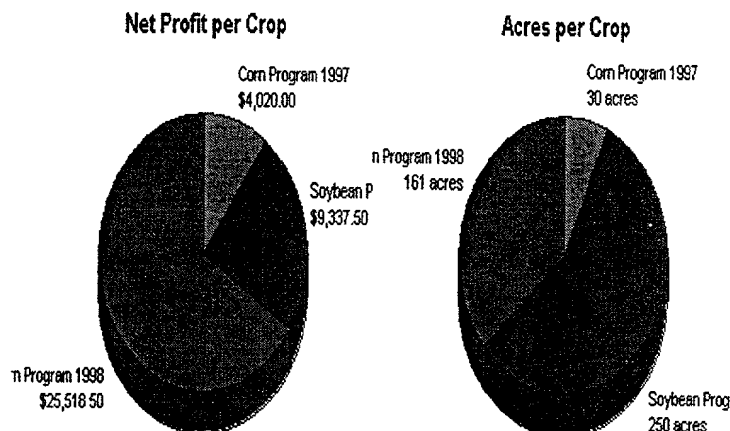
Resources			Crop Resource Usage	Field Differences	Add / Remove
Name	Used	Unused			
Operating Capital	\$114,270.00	\$385,730.00			
Land	441	0			

FIGURE 16

Scenario Results:

Gross Income: \$38,876.00

[View Text](#)



Resources

FIGURE 17

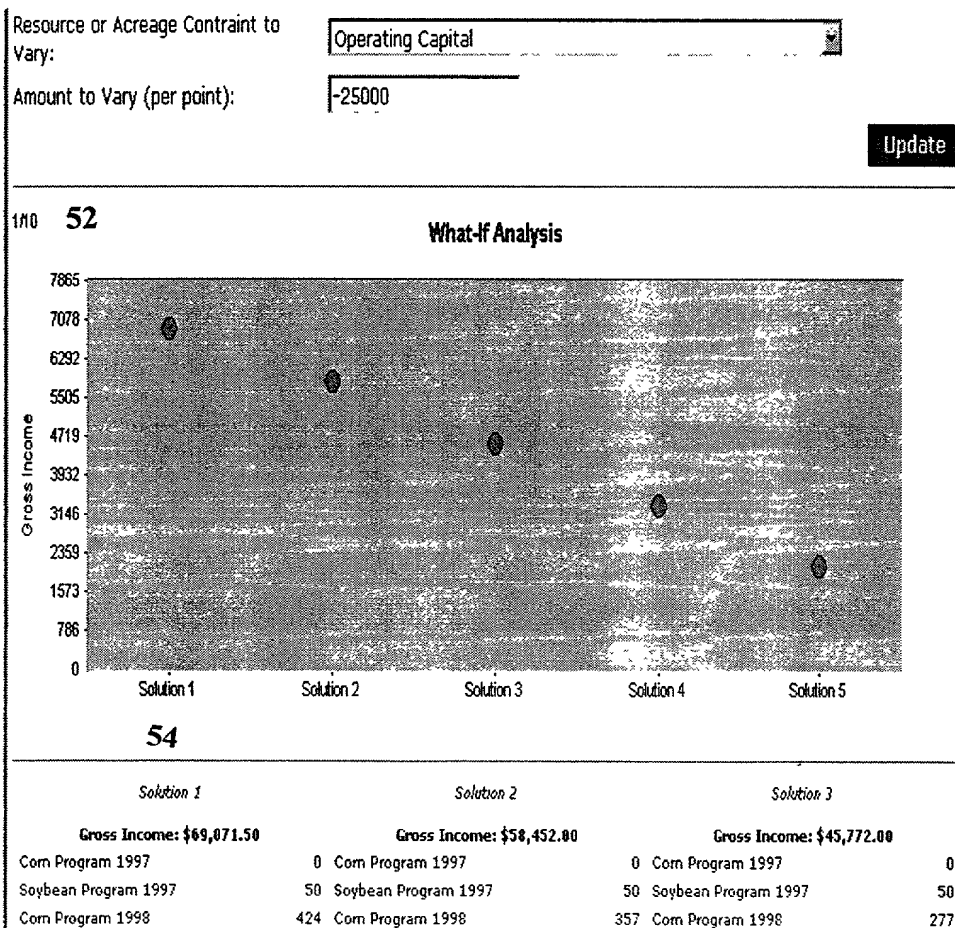


FIGURE 18

Scenario 1:

Ken Dalenberg Test

Gross Profit: \$29,078.45

Crops		
Name	Acres	Net Profit
Corn Program 1997	40	\$5,360.00
Soybean Program 1997	515	\$19,235.25
Soybean Program 1998	0	\$0.00
Soiltest Program	0	\$0.00
Kens Soybean Contract (Soybean Program 1997)	0	\$0.00
Test Contract (Soybean Program 1997)	24	\$4,483.20

Fields		
Name	Size	Crop Planted
Bevan: North 80	80	Soybean Program 1997
Bevan: South 80	81	Soybean Program 1997
Dean: 3800G5	81	Soybean Program 1997
Heartland:	44	Soybean Program 1997
Heartland West		
Heartland:	30	Soybean Program 1997
Heartland East		
Hodge: Hodge 42	40	Corn Program 1997
Hodge: Hodge S 84	82	Soybean Program 1997
Hume: Hume Back 50	50	Soybean Program 1997
Hume: Hume Front 40	38	Soybean Program 1997
Zindars: Zindars	20	Soybean Program 1997

Scenario 2:

Dup of Ken Dalenberg Test

Gross Profit: \$61,899.50

Crops		
Name	Acres	Net Profit
Corn Program 1997	448	\$60,032.00
Soybean Program 1997	50	\$1,867.50
Soiltest Program	0	\$0.00
Kens Soybean Contract (Soybean Program 1997)	0	\$0.00

Fields		
Name	Size	Crop Planted
Bevan: North 80	80	Corn Program 1997
Bevan: South 80	81	Corn Program 1997
Heartland: Heartland West	44	Corn Program 1997
Heartland: Heartland East	30	Corn Program 1997
Hodge: Hodge 42	40	Corn Program 1997
Hodge: Hodge S 84	82	Corn Program 1997
Hume: Hume Back 50	50	Soybean Program 1997
Hume: Hume Front 40	38	Corn Program 1997
Zindars: Zindars West 31	29	Corn Program 1997
Zindars: Zindars East 27	24	Corn Program 1997

Resources		
Name	Used	Unused

FIGURE 19

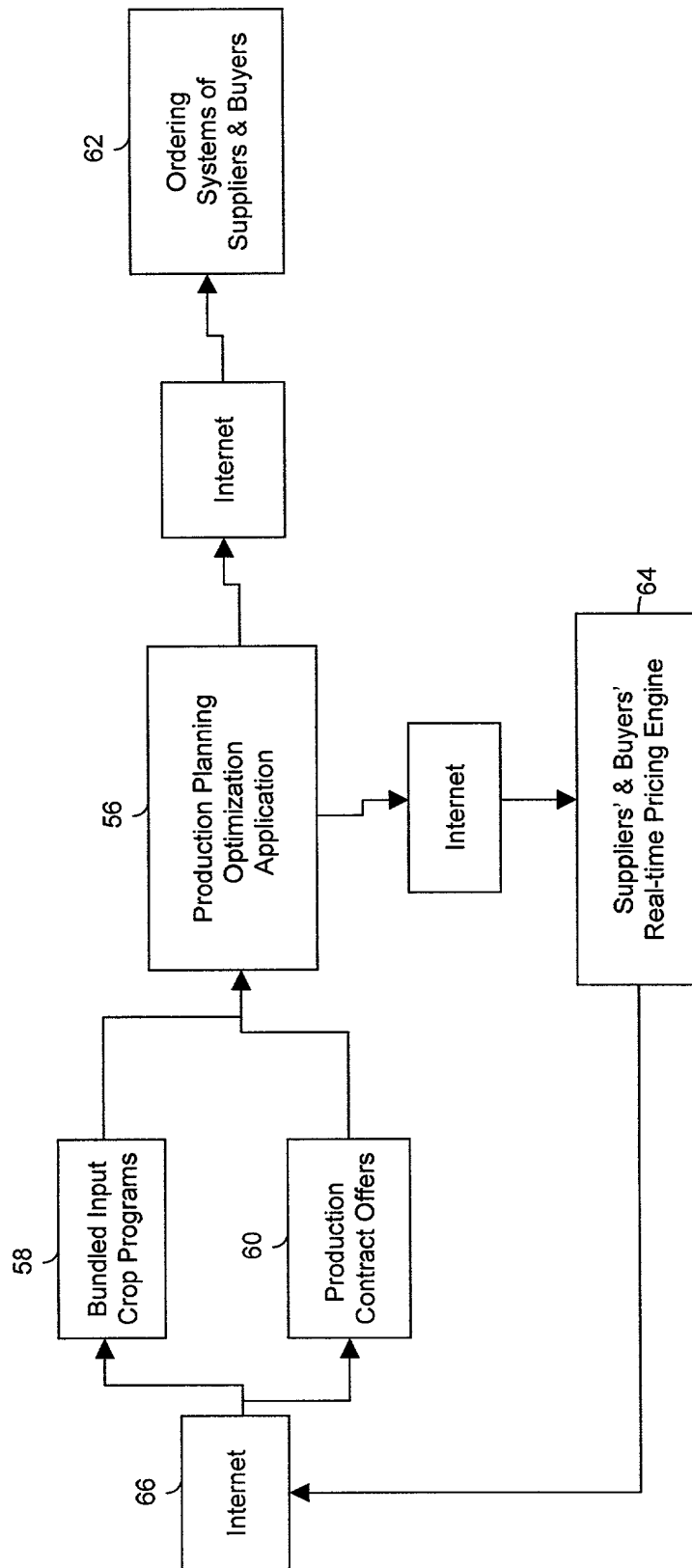


FIGURE 20